

REMARKS

Claims 1-16 are pending in the application. Claims 1-15 are allowed.

Claim 16 is rejected.

Claims 16 has been amended herein to clarify applicant's claimed invention. Applicant's claimed service control information is for changing service contents for the mobile terminal equipment. The service control information is designating service contents provided for a mobile terminal equipment user.

The feature of applicant's claimed invention is supported by the original specification, for example, from l. 31 of p. 21 to l. 24 of p. 22 and from l. 16 to 28 of p.23 of the present application, and is shown in detail by Figs. 8-12 and 23-25.

Fig. 28 and Figs. 54-56 also show an embodiment thereof: "BAND CONTROL EXTENSION INFORMATION." Also, the procedures where the service control information is changed upon the request from the mobile terminal equipment, for example, the user changes the service contents within the range of the contract service class is described in the present specification from l. 3 of p. 47 to l.16 of p. 51, and in Fig. 63.

No new matter is entered.

Claim 16 is rejected under 35 U.S.C. § 102 as being anticipated by Khalil et al.(6,578,085) (Khalil).

Khalil describes a method for route optimization in a wireless Internet IP network where the system sends a data packet to a home agent of the IP network and then transmits the data packet to a mobile node using a first address. A list of correspondent nodes with the mobile

node is maintained and messages such a binding update message can be sent. Subsequent data packets can be then transmitted directly to the mobile node using that first address.

It's asserted in the Office Action that Khalil teaches a method for changing service control information in a mobile network which comprises the same steps as recited in applicant's claim 16. The Office Action specifically refers to col. 3, line 51 – col. 5, line 32; col. 5, lines 36-38; col. 5, lines 38-54 and col. 6, lines 54-60 and also to col. 5, line 55 to col. 6, line 16 and lines 60-65) to support the rejection.

However Applicant's claimed invention is for changing the service contents for a user of the mobile terminal equipment upon a request of the user in an IP network system including a mobile environment. The change of the service contents for the user is based on the service control information stored in the related apparatus within the network.

In contrast, Khalil only describes updating techniques for location registration of a mobile terminal (COA and binding cache), but does not disclose the techniques for updating the above described service control information within the mobile network.

Therefore the service contents, as claimed, cannot be changed upon a request from the mobile terminal by the technique and descriptions of Khalil.

The Office Action points to the term "the service control information (new COA, binding cache)" included in the phrase "changing the service control information (new COA, binding cache) of a user that is managed in a home network ...", as referring to the location registration of mobile terminal equipment. In contrast, the present claimed invention does not relate to the location registration "new COA, binding cache".

The applicant's claimed mobile terminal equipment not only registers the present location of the mobile terminal equipment in cooperation with Home Agent (HA) and Foreign Agent

(FA), as in the past, but also changes the service contents for a user by monitoring the idle situation of the network resource and by updating the service control information of the apparatus only related to data delivery between the mobile terminal equipment and communication node (CN) that is a communication partner of the mobile terminal equipment.

In applicant's claimed invention updating occurs for, not only the information related to the location registration of the mobile terminal equipment such as care-of-address (COA) and binding cache, as in the past, but also the service contents to the mobile terminal equipment is changed upon a request from the mobile terminal equipment by updating the service control information corresponding to the mobile terminal equipment based on the idle situation of network resource at the present time.

As to the service contents to the mobile terminal equipment, for example, there are items of a Differentiated Service, packet filtering, security service and band control, and the service contents to the mobile terminal equipment is changed by changing the setting contents corresponding to these items included in the service control information held by the related apparatus within the network.

For at least the foregoing reasons applicant's claimed invention is different from Khalil, and therefore it is respectfully requested the rejection be withdrawn..

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



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